

CLAIMS

I claim:

1 1. A method to facilitate name preservation across an
2 unrestricted set of Top Level Domains (TLDs), said method
3 comprising:

4 executing TOP LEVEL DOMAIN TOPOLOGY (TLDT) software in a TLDT
5 system;

6 choosing to register a predetermined secondary level domain
7 name/inclusive name space (SLD name) for a particular TLD;

8 retrieving data for a desired secondary level domain name to
9 register the SLD name in association with at least one TLD in at
10 least one of a Public Root and an Internet Corporation for
11 assigned Names and Numbers (ICANN) Root;

12 conducting a search of at least one of a Public Root and an
13 ICANN Root and determining whether the desired SLD is associated
14 with any TLDs that exist in the ICANN root system and the TLDT
15 system;

16 reporting any TLDs that are associated with the desired SLD,
17 and any available TLDs that are not associated with the desired
18 SLD;

19 determining whether payment of a periodic fee will be made
20 to register the desired SLD with all TLDs that are not associated
21 with the desired SLD; and

22 registering the desired SLD with all TLDs that are not
23 associated with the desired TLD payment if the periodic fee will
24 be made.

1 2. The method according to claim 1, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises designating a cluster of TLD key word
4 directories associated with predetermined TLD databases.

1 3. The method according to claim 2, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises determining a percentage chance of success in
4 searching a particular TLD.

1 4. The method according to claim 3, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises reporting the percentage chance of success in
4 searching a particular TLD.

1 5. The method according to claim 1, wherein the determining
2 whether payment of a periodic fee will be made further comprises
3 presenting a check box to a user to indicate that TLDT system
4 administration will pay for SLDs available from the ICANN root
5 system for associated TLDs.

1 6. The method according to claim 1, wherein the registering
2 the desired SLD with all TLDs that are not associated with the
3 desired TLD further comprises registering the desired SLD with
4 all TLDs that are not associated with the desired SLD.

1 7. A TOP LEVEL DOMAIN TOPOLOGY (TLDT) system to facilitate name
2 preservation across an unrestricted set of Top Level Domains
3 (TLDs), said system comprising:

4 a computer useable medium; and
5 a computer device having a processing unit;
6 wherein said computer useable medium carries thereon TLDT
7 software to facilitate name preservation across an unrestricted
8 set of Top Level Domains, which, when executed by the processing
9 unit, causes the processing unit to carry out steps comprising:
10 executing the TLDT software in the TLDT system;
11 choosing to register a predetermined secondary level domain
12 name/inclusive name space (SLD name) for a particular TLD;
13 retrieving data for a desired secondary level domain name to
14 register the SLD name in association with at least one TLD in at
15 least one of a Public Root and an Internet Corporation for
16 assigned Names and Numbers (ICANN) Root;
17 conducting a search of at least one of a Public Root and an
18 ICANN Root and determining whether the desired SLD is associated
19 with any TLDs that exist in the ICANN root system and the TLDT
20 system;
21 reporting any TLDs that are associated with the desired SLD,
22 and any available TLDs that are not associated with the desired
23 SLD;
24 determining whether payment of a periodic fee will be made
to register the desired SLD with all TLDs that are not associated
with the desired SLD; and

27 registering the desired SLD with all TLDs that are not
28 associated with the desired TLD payment if the periodic fee will
29 be made.

1 8. The system according to claim 7, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises designating a cluster of TLD key word
4 directories associated with predetermined TLD databases.

1 9. The system according to claim 8, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises determining a percentage chance of success in
4 searching a particular TLD.

1 10. The system according to claim 9, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises reporting the percentage chance of success in
4 searching a particular TLD.

1 11. The system according to claim 7, wherein the conducting
2 a search of at least one of a Public Root and an ICANN Root step
3 further comprises utilizing LINK cells representing particular
4 web pages.

1 12. The system according to claim 7, wherein the
2 determining whether payment of a periodic fee will be made
3 further comprises presenting a check box to a user to indicate
4 that TLDT system administration will pay for SLDs available from
5 the ICANN root system for associated TLDs.

1 13. The system according to claim 7, wherein the
2 registering the desired SLD with all TLDs that are not associated
3 with the desired TLD further comprises registering the desired
4 SLD with all TLDs that are not associated with the desired SLD.

1 14. A computer useable medium carrying TOP LEVEL DOMAIN
2 TOPOLOGY (TLDT) software to facilitate name preservation across an
3 unrestricted set of Top Level Domains, which, when executed by
4 the processing unit, causes the processing unit to carry out
5 steps comprising:

6 executing the TLDT software in the TLDT system;

7 choosing to register a predetermined secondary level domain
8 name/inclusive name space (SLD name) for a particular TLD;

9 retrieving data for a desired secondary level domain name to
10 register the SLD name in association with at least one TLD in at
11 least one of a Public Root and an Internet Corporation for
12 assigned Names and Numbers (ICANN) Root;

13 conducting a search of at least one of a Public Root and an
14 ICANN Root and determining whether the desired SLD is associated

1 with any TLDs that exist in the ICANN root system and the TLDT
2 system;

3 reporting any TLDs that are associated with the desired SLD,
4 and any available TLDs that are not associated with the desired
5 SLD;

6 determining whether payment of a periodic fee will be made
7 to register the desired SLD with all TLDs that are not associated
8 with the desired SLD; and

9 registering the desired SLD with all TLDs that are not
10 associated with the desired SLD payment if the periodic fee will
11 be made.

1 15. The computer useable medium according to claim 14,
2 wherein the conducting a search of at least one of a Public Root
3 and an ICANN Root step further comprises designating a cluster of
4 TLD key word directories associated with predetermined TLD
5 databases.

1 16. The computer useable medium according to claim 15,
2 wherein the conducting a search of at least one of a Public Root
3 and an ICANN Root step further comprises determining a percentage
4 chance of success in searching a particular TLD.

1 17. The computer useable medium according to claim 16,
2 wherein the conducting a search of at least one of a Public Root
3 and an ICANN Root step further comprises reporting the percentage
4 chance of success in searching a particular TLD.

1 18. The computer useable medium according to claim 14,
2 wherein the conducting a search of at least one of a Public Root
3 and an ICANN Root step further comprises utilizing LINK cells
4 representing particular web pages.

1 19. The computer useable medium according to claim 14,
2 wherein the determining whether payment of a periodic fee will be
3 made further comprises presenting a check box to a user to
4 indicate that TLD system administration will pay for SLDs
5 available from the ICANN root system for associated TLDs.

1 20. The computer useable medium according to claim 14,
2 wherein the registering the desired SLD with all TLDs that are
3 not associated with the desired TLD further comprises registering
4 the desired SLD with all TLDs that are not associated with the
5 desired SLD.